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Orchid Plants

and Some Suggestions for
Growing Them

Carolina Orchid Growers, Inc.
" Southern Pines, North Carolina

Suggestions for

This is a word from beginners in orchid-growing to beginners. Orchids are in the main easy of cultivation. They grew in spite of us and will probably grow in spite of you.

Six years ago we started, without previous experience, growing orchids as a hobby. The hobby-horse has to be fed and now, with some seventeen houses filled with approximately twenty-five thousand plants, many of them young seedlings constantly requiring more space, we have reached the point where we must dispose of some of our plants or build more greenhouses, which, in the present economic situation, we do not see our way clear to do.

So we are offering you some plants and you may rely on their being in good, healthy condition and exactly as described. For a cheaper grade of plants we can quote you still cheaper prices. We have bought many plants ourselves because we thought the price was low and have suffered disappointment in finding that their cultural condition and general healthfulness was not such as to make them a pleasure or profit.

A few cultural suggestions may be of some help to you. No one can lay down hard and fast rules for growing orchids or indeed any other plants without considering local conditions. Our suggestions represent the result of our experience in North Carolina and can be followed in a general way.

Orchids are of tropical origin and in nature have their dry and rainy seasons. In the rainy season they grow and in the dry season they rest and flower. We try to imitate tropical conditions and give them more water when they are growing and less water when they are at rest.

Because of their large and beautiful flowers, Cattleyas and their hybrids are more extensively grown than any other orchid. They are potted in osmunda fibre, commonly called orchid peat, which should be chopped into small pieces and then firmly pressed into the pot, pressure being made toward the plant. It is impor-

Growing Orchids

tant to keep the peat fresh and sweet. This can be accomplished by watering freely and then allowing the peat to dry somewhat before watering again.

More harm can be done by overwatering than underwatering. After the new growth is completed, water should be given sparingly until the flower buds are well up in the sheath. Cattleyas like a moderate amount of humidity in the air at all times which can be maintained by dampening the walks and benches and on sunny days, lightly spraying the leaves. They delight in fresh air which should be given freely when weather permits. They also enjoy all the sun heat possible but should be protected from intense sunlight which burns their leaves. In northern states, the greenhouse should be shaded from April until October, but a light shading will be necessary throughout the year in the south. For this purpose roller blinds can be used or the glass coated with white lead thinned with gasoline.

For use as cut flowers in the home, the "spray orchids" are becoming more and more popular, not only for the grace and beauty of their flower spikes but for the lasting quality of the flowers themselves. Of this class there is none lovelier than *Phalaenopsis*. *Phalaenopsis Amabilis*, white, and *Phalaenopsis Rothschildiana*, pink, bloom during the winter and make a magnificent showing. The house should be kept warm and moist during their growing period. While little water may be given them while resting, they should never be allowed to become completely dry. Spraying the leaves two or three times on sunny days is very beneficial.

Among the so-called "botanicals" one of the most striking is *Coelogyne Pandurata*, which produces a spike of large green flowers with almost black mottled lip. This is also easily grown and thrives when placed in a warm, shady corner and frequently sprayed. Because of its rapid growth and creeping rhizome, it is advisable to grow it on a "raft." As the flower spike comes

Suggestions for Growing Orchids

up with the new growth care should be taken to avoid getting water on the folded leaves lest the flower spike damp off.

Quite a number of orchids can be grown and successfully flowered in the ordinary conservatory or greenhouse. In a structure where the night temperature does not fall below 50-55 degrees F. and where the other plants do not require a dry atmosphere, a variety of orchids can be cultivated. Cypripediums do especially well and there are no lovelier varieties for the amateur than *Insigne Sanderae* and *Harefield Hall*. Cymbidiums with their magnificent spikes of varied-colored flowers make an imposing display. *Coelogne Cristata* flourishes and is one of the most popular orchids with its snowy white flowers which come during the winter. *Coelogne Massangeana* with pendulous flower spikes is very decorative suspended from the rafters.

For growing orchids in the home there are several types of small glass cases called Wardian cases which are especially adapted to Cypripedium culture. Cattleyas also do very well in them. We can supply these cases, either with or without plants, and will be glad to furnish details on request.

We will be only too glad to correspond with you regarding the probable requirements of your location and to make suggestions, if we can, from time to time as questions arise in your mind regarding culture. We can furnish at all times necessary potting materials, although unless specially noted, none of the plants we are offering should require potting for a year or so.

Carolina Orchid Growers, Inc.
Southern Pines, N. C.

Plants for Sale

MISCELLANEOUS

<i>Epiphronitis Veitchii</i>	In 3½-in. pan, 10–15 shoots	\$10.00
<i>Epiphronitis Veitchii</i>	In 6-in. pan. Price on application	
<i>Peristeria elata</i> (Dove Orchid)	2–4 bulbs	10.00
<i>Pholidota imbricata</i>	8–10 bulbs	10.00
<i>Platyclinis filiforme</i>	17 bulbs	5.00
<i>Platyclinis glumacea</i>	10 bulbs	7.50
<i>Renanthera Coccinea</i>	5 ft. high, 40 leaves	20.00
<i>Schomburgkia superbiens</i>	2–3 bulbs	10.00
<i>Schomburgkia Undulata</i>	6 bulbs	20.00
<i>Sophronitis Grandiflora</i>		5.00
<i>Spathoglottis aurea Viellardii</i>	1–2 growths	10.00
<i>Thunia Marshallianum</i>	24–30 in. high	10.00
<i>Vanilla Aromatica</i>		5.00
<i>Cirrhopetalum Medusae</i>	6–10 bulbs	5.00

COELOGYNE

<i>Asperata</i>	4 bulbs	\$5.00
<i>Asperata</i>	Specimen plant, about 40 bulbs	50.00
<i>Cristata</i>	4 bulbs	5.00
<i>Cristata Maxima</i>	12-in. pan	20.00
<i>Cristata Maxima</i>	16-in. pan	50.00
<i>Massangeana</i>	4–5 bulbs	7.50
<i>Pandurata</i>	2 leads on raft, 8–10 bulbs	25.00
<i>Pandurata</i>	Small plants	5.00

ANGRAECUM

<i>Eichlerianum</i>	12 leaves	\$10.00
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ONCIDIUM

<i>Altissimum</i>		\$5.00
<i>Luridum</i>		10.00
<i>Ornithorhyncum</i>		10.00
<i>Sphacelatum</i>	Specimen plant, in 16-in. pan	50.00
<i>Sphacelatum</i>	6–8 bulbs	7.50
<i>Sphacelatum</i>	Larger plants	12.50
<i>Wentworthianum</i>	In 5–6-in. pans	7.50

Plants for Sale

CATTLEYA SPECIES

Gaskelliana-----	\$7.50
Gigas -----	15.00
Percivaliana -----	7.50

CATTLEYA HYBRIDS

In 4-in. pots or better-----	\$6.00
C. Amabilis (<i>C. Labiata</i> x <i>C. Gigas</i>)	
C. Enid (<i>C. Gigas</i> x <i>C. Mossiae</i>)	
C. Fabia (<i>C. Hardyana</i> x <i>C. Labiata</i>)	
C. Hardyana (<i>C. Gigas</i> x <i>C. Aurea</i>)	
C. H. S. Leon (<i>C. Schroederae</i> x <i>C. Gigas</i>)	
C. Miss Kemp (<i>C. Fabia</i> x <i>C. Bowringiana</i>)	
C. Moira (<i>C. Fabia</i> x <i>C. Mantinii</i>)	
C. Octave Doin (<i>C. Dowiana</i> x <i>C. Mendelii</i>)	
C. Tityus (<i>C. Enid</i> x <i>C. Octave Doin</i>)	

LAELIO-CATTLEYAS

In 4-in. pots or better-----	\$6.00
L. C. Aphrodite (<i>C. Mendelii</i> x <i>L. Purpurata</i>)	
L. C. Callistoglossa (<i>C. Gigas</i> x <i>L. Purpurata</i>)	
L. C. Canhamiana (<i>C. Mossiae</i> x <i>L. Purpurata</i>)	
L. C. Eximea (<i>C. Warneri</i> x <i>L. Purpurata</i>)	
L. C. Fascinator (<i>C. Schroederae</i> x <i>L. Purpurata</i>)	
L. C. G. G. Whitelegge (<i>C. Hardyana</i> x <i>L. C. Callistoglossa</i>)	
L. C. Hippolyta (<i>C. Mossiae</i> x <i>L. Cinnabrina</i>)	
L. C. Massasoit (<i>C. Hardyana</i> x <i>L. C. Nella</i>)	
L. C. Nella (<i>C. Labiata</i> x <i>L. C. Dominiana</i>)	
L. C. Purple Emperor (<i>C. Gigas</i> x <i>L. C. Callistoglossa</i>)	
L. C. G. S. Ball (<i>C. Schroederae</i> x <i>L. Cinnabrina</i>) (In 3-in. pots.)	

SEEDLINGS

(In 3-in. pots)

C. Enid (<i>C. Mossiae</i> x <i>C. Gigas</i>)-----	\$3.00
C. Intertexta (<i>C. Mossiae</i> x <i>C. Warneri Ardenholme Var.</i>)	3.00
C. Eleanor (<i>C. Hardyana</i> x <i>C. Gigas F. M. B.</i>)-----	3.00

Carolina Orchid Growers, Inc.

C. Mount Royal Alba (<i>C. Enid Alba x C. Maggie Raphael Alba</i>)	3.00
L. C. Lustre x L. C. Ortega	5.00
L. C. Lustre Westonbirt x C. Labiata Westonbirt	5.00
L. C. Queen Mary (<i>C. Peetersii x L. C. Lustre Westonbirt</i>)	5.00
L. C. Schroederae (<i>C. Maggie Raphael Alba x L. C. Bella Alba Superba</i>)	5.00
C. Octave Doin (<i>C. Mendelii x C. Aurea</i>)	3.00
C. Maggie Raphael (<i>self</i>)	3.00
L. C. Nella (<i>C. Labiata x L. C. Dominiana</i>)	3.00
C. Gigas (<i>self</i>)	3.00
L. C. Aphrodite (<i>C. Mendelii x L. Purpurata</i>)	3.00
In 1 3/4-in. pots ready to be moved to 2 1/2-in pots	2.50
C. Ballantineana x C. Dupreana	
C. Katahdin x C. Mossiae	
C. Eleanor Grey x C. Gigas	
C. Empress Frederick x C. Enid	
C. Katahdin x C. Gigas	
C. Mossiae x C. Maxima	
C. Hardyana Alba x C. Trianae Alba	
C. Enid x C. Gigas	
C. Kienestiana x C. Speciosissima	
C. Mossiae x L. C. Martinetti	
C. Hardyana Alba x B. C. Speciosa	
L. C. Canhamiana (<i>C. Mossiae x L. Purpurata</i>)	
C. Gaskelliana x L. Purpurata	
L. C. Urbania (<i>L. C. Eximea x C. Gigas</i>)	
L. C. Aphrodite (<i>C. Mendelii x L. Purpurata</i>)	
C. Dusseldorfii Undine x C. Pheobe Snow	
L. C. Luminosa x C. Achine Alba	
C. Gigas x C. Shenandoah	
Phalaenopsis seedlings. Special offer for one-year-old plants in 1 3/4-in. pots	2.00

In addition to the plants listed here we have a number from very fine strains which were procured originally for propagating purposes. We can quote you prices on some of these if you are interested.

We have also a large assortment of unusual varieties, not ordinarily used commercially, but many of which are very beautiful and interesting and most desirable for private conservatories. A few extra plants of many of these varieties are now for sale.